

HDMI over Cat5/6 Extender, Box-Style Remote Receiver for Video/Audio, Up to 150 ft., TAA

MODEL NUMBER: **B126-1A0**



Works with Tripp Lite's B126-Series transmitters to extend an HDMI signal via Cat5e/6 cable to a projector, monitor or television. Ideal for digital signs, schools and trade show presentations.

Description

The B126-1A0 HDMI over Cat5/Cat6 Active Remote Receiver works with Tripp Lite's B126-002 or B126-004 transmitter to extend an HDMI signal to a projector, monitor or television. It's ideal for digital signs, trade shows, presentations, classrooms, churches, retail settings and other applications where the video source is located farther than conventional cables allow or that require multiple displays connected to one source.

The receiver uses HDMI cable (see Tripp Lite's P568-Series) to connect to the monitor and Cat5e/6 cable to receive the signal from the transmitter or a remote repeater in the chain (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as Tripp Lite's N202-Series).

The B126-1A0 can extend a 1080i (60 Hz) signal up to 200 feet, a 1080p (60 Hz) signal up to 150 feet and a 3D signal up to 125 feet. You can connect up to three B126-110 remote repeaters in the chain for a total of four HDMI displays and full signal extension of 700 feet (1080i), 500 feet (1080p) or 400 feet (3D).

In addition to crystal-clear video, the B126-1A0 delivers full, rich stereo and 7.1-channel surround sound (multi-channel or PCM) audio when paired with a B126-Series transmitter. Built-in equalization control lets you fine-tune the image quality at each remote display. Supports 24-bit True Color (8 bits per channel) and HDCP compatibility. Easy to set up with no software or drivers to install. Mounts to a wall, rack or pole using the included hardware.

Features

Extends High-Definition Signals

- Works in tandem with Tripp Lite's B126-002 or B126-004 transmitter unit

Highlights

- Works in tandem with B126-002 or B126-004 transmitter unit
- Supports high-definition video resolutions up to 1080p (60 Hz)
- Supports stereo and 7.1-channel surround sound audio
- Works with all operating systems and HDMI video sources
- Plug and play—no software or drivers to install

System Requirements

Package Includes

- B126-1A0 HDMI over Cat5/Cat6 Active Remote Receiver
- Screwdriver for adjusting equalization
- External Power Supply with NEMA 1-15P Plug (Input: 100–240V, 50/60 Hz, 0.5A; Output: 5V, 2A, 5 ft.)
- Mounting hardware
- Owner's Manual



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- Extends a 1080i (60 Hz) signal up to 200 ft., a 1080p (60 Hz) signal up to 150 ft. and a 3D signal up to 125 ft.
- Connect up to 3 B126-110 remote repeaters to the chain for maximum signal range of 700 feet (1080i), 500 feet (1080p) and 400 feet (3D)
- Connects to previous link in the chain with one Cat5e/6 cable (for best results, use 24 AWG solid-wire Cat5e/6 cable, such as Tripp Lite's N202-Series)

Supports the Latest Video and Audio Resolutions

- Works with all operating systems and HDMI video sources
- Supports HD resolutions up to 1080p (60 Hz)
- Supports stereo and 7.1-channel surround sound (multi-channel or PCM) audio when paired with B126-002 or B126-004 transmitter unit
- Supports 24-bit True Color (8 bits per channel) and HDCP
- Built-in equalization control lets you adjust the image on the local monitor

Easy to Set Up and Use

- Plug-and-play engineering—no software or drivers to download and install
- Connects quickly to local monitor with HDMI cable, such as Tripp Lite's P568-Series
- LEDs indicate at a glance when the unit is receiving power and a signal from the previous link in the chain
- Included mounting hardware lets you install the unit on a wall, rack or pole

TAA-Compliant

- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Specifications

OVERVIEW	
UPC Code	037332157485
AC Adapter	Input: 100-240V, 50/60Hz, 0.5A; Output: 5V, 2A, 5 ft.
INPUT	
Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
External Power Supply Input Specs (V / Hz / A)	100-240V / 50/60Hz / 0.5A
External Power Supply Output Specs (V / A)	5V / 2A
External Power Supply Cord Length (ft.)	4.5



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External Power Supply Cord Length (m.)	1.37
External Power Supply DC Barrel Connector Specs	OD: 5.5 x 2.1 x 7.5mm, Positive Pin, Negative Sleeve
External Power Supply Plug(s)	NEMA 1-15P North America
External Power Supply Certifications	FCC; RoHS; UL; cUL
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Power), Orange (Activity)
PHYSICAL	
Color	Black
Included Mounting Accessories	Yes
Material of Construction	Secc
Rackmountable	Yes
Shipping Dimensions (hwd / cm)	5.59 x 18.42 x 16.51
Shipping Dimensions (hwd / in.)	2.20 x 7.25 x 6.50
Shipping Weight (kg)	0.45
Shipping Weight (lbs.)	0.99
Unit Dimensions (hwd / cm)	2.54 x 6.35 x 9.14
Unit Dimensions (hwd / in.)	1 x 2.5 x 3.6
Unit Packaging Type	Box
Unit Weight (kg)	0.09
Unit Weight (lbs.)	0.19
ENVIRONMENTAL	
Operating Temperature Range	-10 to 75 C (14 to 167 F)
Storage Temperature Range	-20 to 80 C (-4 to 176 F)
Relative Humidity	0% to 85%, Non-Condensing
COMMUNICATIONS	
Signal Range (ft.)	200
Signal Range (m)	61
CONNECTIONS	
Ports	1
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	HDMI (FEMALE)



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Connector Plating	Nickel
FEATURES & SPECIFICATIONS	
Max Supported Video Resolution	1080p @60Hz
HDMI Specification	1.4
HDCP Specification	1.4
Audio Specification	7.1 Channel Surround Sound (Multi-Channel or PCM)
Recommended Category Cable	Cat5/Cat5e/Cat6 Cables
Max Supported Color Depth	24-bit True Color
3D Video Supported	Yes
Technology	HDMI
STANDARDS & COMPLIANCE	
Certifications	Tested to FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	1-year limited warranty

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